

PATENT
Attorney Docket No. SAM-0219

120009p1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jae-Phil Boo, *et al.*
Serial No.: 09/902,243
Filing Date: July 10, 2001
Title:

Examiner: Not yet assigned
Group Art Unit: 2812

METHOD OF FABRICATING A NON-VOLATILE MEMORY DEVICE
HAVING A TUNNEL-INSULATING LAYER INCLUDING MORE THAN
TWO PORTIONS OF DIFFERENT THICKNESS

RECEIVED
11/14/2001
#3/Ltr
Re:
CFR
1000
11/26/01

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Post Office as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, Office of Initial Patent Examination, Customer Service Center, Washington, D.C., 20231.

September 18, 2001
Date

Vanessa Marakas
Vanessa Marakas

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, D.C. 20231

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following listed items:

1. Request For Correction to Filing Receipt;
2. Copy of Filing Receipt; and
3. Return Postcard

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 19-0079. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Date: 9/18/01
MILLS & ONELLO, LLP
Eleven Beacon Street, Suite 605
Boston, Massachusetts 02108
Telephone: (617) 994-4900, Ext. 4901
Facsimile: (617) 742-7774

Steven M. Mills
Steven M. Mills
Registration Number 36,610
Attorney for Applicant



Attorney Docket No. SAM-0219

RECEIVED
PATENT
TECHNICAL CENTER
SEP 20 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jae-Phil Boo, *et al.* Examiner: Not yet assigned
Serial No.: 09/902,243 Group Art Unit: 2812
Filing Date: July 10, 2001
Title: METHOD OF FABRICATING A NON-VOLATILE MEMORY DEVICE
HAVING A TUNNEL-INSULATING LAYER INCLUDING MORE
THAN TWO PORTIONS OF DIFFERENT THICKNESS

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Post Office as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, Office of Initial Patent Examination, Customer Service Center, Washington, D.C., 20231.

September 18, 2001
Date

Vanessa Marakas
Vanessa Marakas

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, D.C. 20231

REQUEST FOR CORRECTION TO FILING RECEIPT

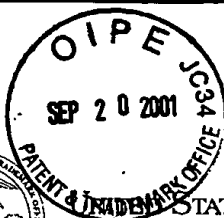
Sir:

The Official Filing Receipt received in connection with the above-identified patent application is believed to be in error. The priority data is missing from the Filing Receipt. The referenced application claims priority to Korean Patent Application No. 00-39609, filed on July 11, 2000. Please add this information to the "Foreign Applications" section of the Filing Receipt and issue a corrected Filing Receipt. A copy of the incorrect Filing Receipt with the requested change noted thereon is enclosed.

Respectfully submitted,

Date: 9/18/01
MILLS & ONELLO, LLP
Eleven Beacon Street, Suite 605
Boston, Massachusetts 02108
Telephone: (617) 994-4900, Ext. 4901
Facsimile: (617) 742-7774

Steven M. Mills
Steven M. Mills
Registration Number 36,610
Attorney for Applicant



RECEIVED

UNITED STATES PATENT AND TRADEMARK OFFICE

NOV 14 2001

COMMISSIONER FOR PATENTS

UNITED STATES PATENT AND TRADEMARK OFFICE

WASHINGTON, D.C. 20231

www.uspto.gov

TECHNOLOGY CENTER 2800

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/902,243	07/10/2001	2812	710	SAM-0219	6	9	1

CONFIRMATION NO. 8274

FILING RECEIPT



OC000000006485248

Steven M. Mills, Esq.
MILLS & ONELLO LLP
Suite 605
Eleven Beacon Street
Boston, MA 02108

Date Mailed: 08/28/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Jae-Phil Boo, Suwon-shi, KOREA, REPUBLIC OF;
Soo-Young Tak, Suwon-shi, KOREA, REPUBLIC OF;
Kwang-Bok Kim, Gapyeong-gun, KOREA, REPUBLIC OF;
Kyung-Hyun Kim, Seoul, KOREA, REPUBLIC OF;
Chang-Ki Hong, Suwon-shi, KOREA, REPUBLIC OF;

Assignment For Published Patent Application

Samsung Electronics Co., Ltd.;

Domestic Priority data as claimed by applicant

Foreign Applications

REPUBLIC OF KOREA 00-39609 07/11/2000

If Required, Foreign Filing License Granted 08/27/2001

Projected Publication Date: 01/16/2003

Non-Publication Request: No

Early Publication Request: No

Title

RECEIVED

SEP 04 2001

MILLS & ONELLO LLP

- Method of fabricating a non-volatile memory device having a tunnel-insulating layer including more than two portions of different thickness

Preliminary Class

438

Data entry by : MANALAC, AMELIA

Team : OIPE

Date: 08/28/2001



**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231